

DIVISION OF OIL, GAS, AND MINING

BOND ESTIMATE

OPERATOR: Union Carbide Corporation
 MINE NAME: Hecla Shaft
 LOCATION: Sec.'s 5,6& 32, T. 28, 29S., R. 24E.
 COUNTY: San Juan
 DATE: January 18, 1979

	Operation	Amount	Rate	Cost
A.	CLEAN-UP			
	1. Removal of structures & equipment.	Lump Sum	\$1,000.00	\$ 1,000.00
	2. Removal of trash & debris.	Lump Sum	\$ 500.00	\$ 500.00
	3. Leveling of ancillary facilities pads and access roads.			
B.	REGRADING & RECONTOURING			
	1. Earthwork including haulage and grading of spoils, waste and overburden.	16 hours cat time	\$ 85.00/hr	\$ 1,360.00
	2. Recontouring of highwalls and excavations.	Included in Part B 1		
	3. Spreading of soil or surficial materials.			
C.	STABILIZATION			
	1. Soil preparation, scarification, fertilization, etc.	35 acres	\$ 25.00/ac	\$ 875.00
	2. Seeding or planting.	35 acres	\$ 150.00/ac	\$ 5,250.00
	3. Construction of terraces, water-bars, etc.	Included in Part B 1		
D.	LABOR			
	1. Supervision.	16 hours	\$ 10.00/hr	\$ 160.00
	2. Labor exclusive of bulldozer time.			
E.	SAFETY			
	1. Erection of fences, portal coverings, etc.	1 vertical shaft	\$1,000.00/ea	\$ 1,000.00
		6 vent shafts	\$ 500.00/ea	\$ 3,000.00
	2. Removal or neutralization of explosive or hazardous materials.	Lump Sum	\$ 100.00	\$ 100.00
F.	MONITORING			
	1. Continuing or periodic monitoring, sampling & testing deemed necessary.	Re seeding 35 acres	\$ 150.00/ac	\$ 5,250.00
G.	OTHER		Subtotal	\$18,495.00
	1. Five percent inflation for 15 years. CAF = 2.0789		Inflation	\$19,954.26
			Total	\$38,449.26